



DOCKET NO.: CSI-0036

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Franklin D. Carson

Application No.: 10/792,189

Filing Date: March 3, 2004

For: ROTOR HEAD FOR A ROTARY-WING AIRCRAFT

Confirmation No.:

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

DATE OF DEPOSIT: April 12, 2004

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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FT Carroll

TYPED NAME: Frank T. Carroll
REGISTRATION NO.: 42,392

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date

of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with the first or second After Final Submission, therefore:
 - Certification in Accordance with § 1.97(e) is attached; or
 - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
 - Certification in Accordance with § 1.97(e) is attached;
 - or
 - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
 - Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No.

, filed

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: *April 2, 2004*

FTC
Frank T. Carroll
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Sheet 1 of 4

Form PTO-1449 Modified		Docket No. CSI-0036	Application No. 10/792,189
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Franklin D. Carson	
U.S. Department of Commerce Patent and Trademark Office		Filing Date March 3, 2004	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	1	Constant Velocity (CV) Joints, http://www.infodotinc.com/basae/118.htm , December 13, 2003 , 3 pages	
	2	Fradenburgh, E.A. et al., "The Sikorsky Dynaflex Rotor-An Advances Main Rotor System for the 1990's, <i>Presented at the 40th Annual Forum of the American Helicopter Society, May 16-18, 1984</i> , 1-16	
EXAMINER		DATE CONSIDERED	

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		Filing Date March 3, 2004	Group Not Yet Assigned
U. S. PATENT DOCUMENTS			

Examiner Initial		Document No.	Date	Name	Class	Subclass
	3	2,140,295	12/13/38	Mallard, L.L.	64	7
	4	2,606,621	08/12/52	Neale, J.S.	170	135.74
	5	2,633,925	04/07/53	Bates, M.F.	170	160.26
	6	2,648,387	08/11/53	Doman, G.S.	170	135.75
	7	2,653,456	09/29/53	Heym, L.S.	64	7
	8	2,861,641	11/25/58	Bensen, I.B.	170	160.27
	9	3,007,654	11/07/61	Doman, G.S.	244	17.11
	10	3,288,226	11/29/66	Lemont, H.E. Jr. et al.	170	160.26
	11	3,412,680	11/26/68	Girard, P.F.	102	35.4
	12	3,804,552	04/06/74	Covington	416	134

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

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Examiner Initial		Document No.	Date	Name	Class	Subclass
	13	4,054,039	10/18/77	Takahashi, et al.	64	21
	14	4,073,600	02/14/78	Doman	416	140
	15	4,111,605	09/05/78	Roman, et al.	416	141
	16	4,115,031	09/19/78	Drees, et al.	416	134
	17	4,323,332	04/06/82	Fradenburgh	416	134
	18	4,326,834	04/27/82	Ostrowski	416	134
	19	4,358,283	11/09/82	Kumpar	464	143
	20	4,459,122	07/10/84	Rehfeld	464	143
	21	4,477,225	10/16/84	Burkam	416	134
	22	4,569,629	02/11/86	Ferris, et al.	416	134

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

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23	4,575,358	03/11/86	Ferris	464	90
24	4,580,945	04/08/86	Miller	416	134
25	4,676,669	06/30/87	Byrnes, et al.	384	221
26	4,695,227	09/22/87	Head, et al.	416	134
27	5,201,107	04/13/93	Maziotti	29	434
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29	6,616,537 B2	09/09/03	Thomas, et al.	464	145

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

EXAMINER**DATE CONSIDERED**